

ALUMINUM PRODUCT HAVING ANTIBACTERIAL OR ANTIMOLD ANODIC OXIDE FILM

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Abstract of JP 62182298 (A)

PURPOSE: To obtain an Al product having an antibacterial or antimold anodic oxide film by filling an antibacterial or antimold agent into the micropores in an anodic oxide film on Al or an Al alloy.
CONSTITUTION: Al or an Al alloy is immersed in a soln. contg. one or more among sulfuric acid, oxalic acid and phosphoric acid to form an anodic oxide film on the surface. Antibacterial or antimold activity is provided to the anodic oxide film by filling an antibacterial or antimold agent into the micropores in the film. 10,10-Oxybisphenolxyarsine, 2,4,4'-trichloro-2-hydroxydiphenyl ether, pentachlorophenol, pentachlorophenol sodium or a mixture of such compounds may be used as the antibacterial or antimold agent.

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